

29 March 1988

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MEMORANDUM FOR:

FROM:

SUBJECT: IMPACT OF SEPARATE IDMS DATABASES

Paul,

This is an analysis of the impact that separate databases for the 1.3 Funds Control and Commercial releases would have on our project. First, there would actually be three databases since GL will not be incorporated in the Funds database. Therefore, Cullinet's decision impacts both the functional and technical operations of BARS-CLAS.

Below is a summary of our concerns in both of these areas.

FUNCTIONAL PROBLEMS WITH SEPARATE DATABASES

1. No funds check capability in 1.3 Commercial prior to issuance of inventory
2. No update to inventory at the time of receipt (Dock-to-stock transactions reside in the Purchasing package, 1.3 Funds Control)
3. No update of inventory due-in (Dock-to-stock transactions)
4. No update of the unit price in BOM (Part Master resides in the Purchasing package, 1.3 Funds Control)
5. Issuances from inventory will not update Funds Control and therefore, the following inventory accounts would not be updated as it now is (via nightly batch):

Property on Loan or on Commitment to Others (1731)
Property on Loan from Others (1732)
Inventory Shortages or Overages (4232)
Inventory Price Adjustments (4233)

Cost of Property Written Off (4242)
Cost of Property Sold (4243)
Cost of Issues of Property Declared Excess (4246)
Value of Property Returned to Stock (4247)
Property Donated to the Agency (4248)

6. The Bill of Material Part Number File that resides in 1.3 Commercial will not be available to Funds Control
7. Validation of the Vendor ID information will not be available in Bill of Material because it resides in the Purchasing package of 1.3 Funds Control
8. The receiving process required by Bill of Material and Inventory resides in the Funds Control Purchasing package Dock-to-stock capability
9. Inventory re-valuation will not be updated to the General Ledger without a batch interface

TECHNICAL PROBLEMS CREATED BY SEPARATE DATABASES

1. This will require separate CAS database maintenance for CAS 1.3 Commercial, Funds, and General Ledger
2. Separate database dictionaries will be required
3. The number of interfaces required could be greater than we have in the present system
4. Serial batch processing will greatly increase the possibility of the databases getting out of balance, another major shortcoming in today's environment.

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